

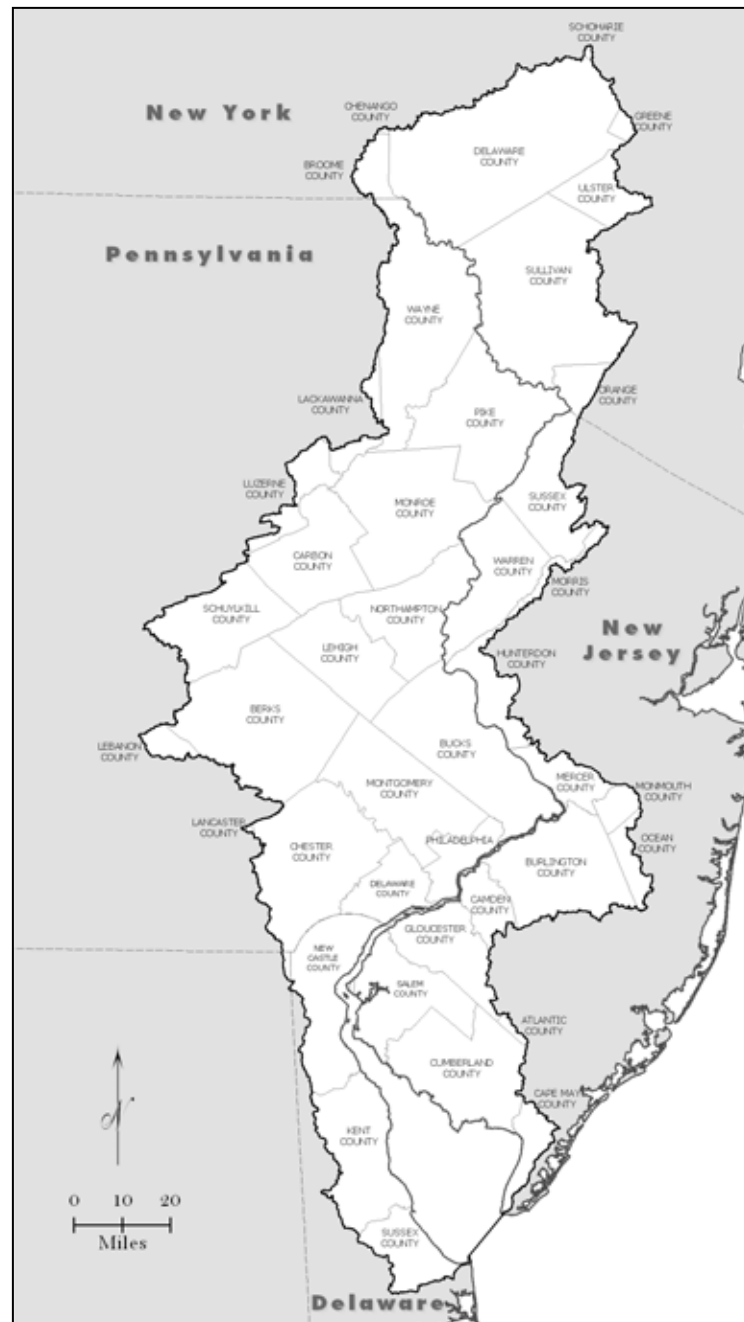
DELAWARE TOXICS REDUCTION PROGRAM

ANNUAL REPORT

JANUARY 2006

A Report by the Delaware River Basin Commission in cooperation with the United States Environmental Protection Agency Regions 2 and 3, the Pennsylvania Department of Environmental Protection, the New Jersey Department of Environmental Protection, and the Delaware Department of Natural Resources and Environmental Control

The Delaware River Basin Commission was created in 1961 when President Kennedy and the governors of Delaware, New Jersey, Pennsylvania, and New York signed concurrent compact legislation into law creating a regional body with the regulatory authority to oversee a unified approach to managing a river system without regard to political boundaries. The Delaware River is the longest undammed river east of the Mississippi, extending 330 miles from the confluence of its East and West branches at Hancock, New York, to the mouth of the Delaware Bay. The river is fed by 216 tributaries, including the Schuylkill and Lehigh Rivers in Pennsylvania. In all, the Delaware River Basin contains 13,539 square miles, draining parts of Pennsylvania (6,422 square miles); New Jersey (2,969 square miles); New York (2,362 square miles); and Delaware (1,004 square miles). Also included in the total area number is the 782 square-mile Delaware Bay.



The DelTRiP Committee wishes to acknowledge the following individuals for their support in gathering the data used to compile this report:

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EXECUTIVE SUMMARY

The Delaware River Toxics Reduction Program (DelTRiP) was created in 2004 as a joint effort between the Delaware River Basin Commission (DRBC), the United States Environmental Protection Agency (EPA), the Pennsylvania Department of Environmental Protection (PADEP), the New Jersey Department of Environmental Protection (NJDEP), and the Delaware Department of Natural Resources and Environmental Control (DNREC). The goal of the DelTRiP is to identify, prioritize, track, and report the status of sites within the Basin that significantly contribute or have the potential to significantly contribute toxic loadings to the Delaware River Basin.

This first annual report of the DelTRiP focuses on sites identified as containing polychlorinated biphenyls (PCBs). Members of the DelTRiP obtained data regarding sites with possible PCB contamination from their respective databases. The identified sites have not been prioritized for this report. One of the major activities of the DelTRiP committee over the next year will be to quantify and prioritize the identified sites. Federal and state agencies are expected to initiate, revise, and continue actions taken at the prioritized sites to remediate the impacts from these sites.

Future reports of the DelTRiP will emphasize and prioritize sites with other contaminants as well as those with PCBs. The list of sites contained within this report is not inclusive; there may be other sites yet to be identified.

The site locations were incorporated into GIS. Approximately one thousand sites were submitted, of which 263 have been identified as containing PCBs.

There are eight major steps to implementing DelTRiP. DelTRiP has collected data from state and Federal agencies, including Superfund, state brownfield, and other programs. DelTRiP will develop criteria to rank and prioritize sites and publish reported load reductions from these sites annually.

Major Steps to DelTRiP Implementation

- Step 1:** DelTRiP will identify contaminated sites in each state within the Basin using USEPA and state listings, including but not limited to Superfund listings (NPL and CERCLIS) and state brownfield and hazardous waste sites. Other listings, such as those developed by fire departments or building inspectors, or through municipal wastewater treatment plant trackdown programs also may be used to identify sites.
- Step 2:** Sites identified from “other listings” will be referred to the appropriate Federal/state agencies for action.
- Step 3:** DRBC will incorporate identified sites into GIS.
- Step 4:** State and Federal agencies will quantify the PCB loads being released or that have the potential to be released from contaminated sites identified above.
- Step 5:** DelTRiP will develop criteria to rank each site to determine its significance and to decide if it is to be prioritized for tracking and reporting.
- Step 6:** DelTRiP will prioritize the contaminated sites that significantly contribute, or have the potential to significantly contribute to the PCB load to the Basin.
- Step 7:** DRBC will assemble status information for each prioritized site and track the remediation progress and other actions taken to reduce the releases to the Basin from the contaminated waste sites.
- Step 8:** DRBC will publish an annual report detailing measurable reductions reported by the lead agencies and the status of implementation activities at each prioritized contaminated site, highlighting key milestones and accomplishments.

INTRODUCTION

The Delaware River Toxics Reduction Program (DelTRiP) was created in 2004 as a joint effort between the Delaware River Basin Commission, the United States Environmental Protection Agency, the Pennsylvania Department of Environmental Protection, the New Jersey Department of Environmental Protection, and the Delaware Department of Natural Resources and Environmental Control. The goal of the DelTRiP is to identify, prioritize, track, and report the status of sites within the Basin that significantly contribute or have the potential to significantly contribute toxic loadings to the Delaware River Basin.

DelTRiP will also support an objective of the Delaware Estuary Program (DELEP) implementation of the Comprehensive Conservation and Management Plan (CCMP), which is to develop and implement a Total Maximum Daily Load (TMDL) for PCBs identified under Clean Water Act Section 303(d).

DELAWARE TOXICS REDUCTION PROGRAM

The DelTRiP is a multi-step program to identify and track hazardous waste sites within the Delaware River Basin (Fig 1). Subsequently, the DelTRiP will identify a subset of these sites that significantly contribute to the impairments within the Basin. The first steps include the identification, location, and compilation of the sites within the Basin using information currently available in federal and state systems. Following these steps, the DelTRiP will determine those sites that have the potential to have significant impact on the waters of the Basin, especially with regard to impairment designation under Section 303(d) of the Clean Water Act. After prioritization, Federal and state agencies are expected to initiate, revise, and/or continue actions taken at the prioritized sites to remediate the impacts from these sites. The final step is to track and report on the status of the sites identified in the prior year's annual report, emphasizing measurable reductions in loadings to the Basin from the prioritized sites. DelTRiP steps one through four are currently funded through a grant from the EPA.

The DelTRiP is in its first stage and has focused on sites identified with PCBs for this first report. PCBs were chosen as the contaminant of interest because the DelTRiP is supporting the DELEP objective to implement a TMDL for PCBs in the Delaware Estuary. Site listings have been extracted from Federal and state databases (i.e. CERLCA, RCRA, TRI, state hazardous waste site databases) and incorporated into a geographical information system (GIS). Specific site information for each of the identified sites can be found in the attached Appendix.

DNREC submitted approximately 570 potential sites to the DelTRiP, of which 8 were identified as having the presence of PCBs on-site (Fig. 2). The PADEP presented approximately 266 records of hazardous sites, with 217 distinct sites containing PCBs (Fig. 3). The NJDEP submitted 156 records, of which 10 distinct sites were identified with PCBs (Fig 4). Data from the EPA identified approximately 28 sites with PCBs throughout the Basin (Fig.5). The PADEP has identified a significantly greater number

of sites containing PCBs than the other States and EPA Regions, as the PADEP listings include transformer locations. DelTRiP will continue to work with the PADEP to obtain coordinates for identified sites, as well as the New York State Department of Environmental Conservation to identify contributing sites within its jurisdiction, and include such information in the next annual report. Table 1 indicates the sites identified by each agency.

Next Steps for the DelTRiP

Many of the site histories submitted by the state agencies contain dated information. Likewise, significant information about each site also needs to be extracted from the files (for example, quantification of releases or potential releases and exact coordinates). The DelTRiP will continue to work with the agencies to refine and clarify the data, as well as to obtain site listings for other contaminants of interest.

As new site locations are identified they will be incorporated into a GIS. The state and Federal agencies will provide information, if available, to quantify the PCB loads released or having the potential to be released from the contaminated sites. The next step for the DelTRiP is to develop prioritization criteria and prioritize each site according to its potential significance. Site information will be aggregated and the remediation progress of each site will be tracked and reported in the next annual report detailing the status of implementation activities at each prioritized site, highlighting milestones and accomplishments, including measurable reductions in loadings.

Currently, the DelTRiP has been engaged in implementing steps one through three; site listings have been extracted from state and Federal agencies and incorporated into GIS. Subsequent to prioritization of the sites, Federal and state agencies will initiate, revise, and/or continue actions taken at the prioritized sites to remediate the impacts from these sites. DelTRiP will continue to advance through the steps of implementation outlined above and will indicate progress in future annual reports.

Major Steps to DelTRiP Implementation	
Step 1:	DelTRiP will identify contaminated sites in each state within the Basin using USEPA and state listings, including but not limited to Superfund listings (NPL and CERCLIS) and state brownfield and hazardous waste sites. Other listings, such as those developed by fire departments or building inspectors, or through municipal wastewater treatment plant trackdown programs also may be used to identify sites.
Step 2:	Sites identified from "other listings" will be referred to the appropriate Federal/state agencies for action.
Step 3:	DRBC will incorporate identified sites into GIS.
Step 4:	State and Federal agencies will quantify the PCB loads being released or that have the potential to be released from contaminated sites identified above.
Step 5:	DelTRiP will develop criteria to rank each site to determine its significance and to decide if it is to be prioritized for tracking and reporting.
Step 6:	DelTRiP will prioritize the contaminated sites that significantly contribute, or have the potential to significantly contribute to the PCB load to the Basin.
Step 7:	DRBC will assemble status information for each prioritized site and track the remediation progress and other actions taken to reduce the releases to the Basin from the contaminated waste sites.
Step 8:	DBRC will publish an annual report detailing measurable reductions reported by the lead agencies and the status of implementation activities at each prioritized contaminated site, highlighting key milestones and accomplishments.

BACKGROUND

Development of the Total Maximum Daily Load (TMDL)

The DELEP CCMP, approved in September 1996, identified the reduction of toxic substances to the Estuary as one of its important action plans. Since the CCMP approval, The States of New Jersey, Delaware, and Pennsylvania (States) have designated the Delaware River from Trenton to the mouth of the Delaware Bay (Delaware Estuary) as impaired due to PCBs in their biennial Section 303(d) submittals to the EPA. The impairment is due to unacceptable PCB levels in the fish. PCBs, which have been classified by the EPA as a probable human carcinogen, are present in the waters of the Delaware Estuary at concentrations 1,000 times higher than the water quality criteria. The Commission was designated in 2000 as the lead agency to develop the technical basis for the PCB TMDLs. EPA Regions 2 & 3 and the States worked cooperatively with the Commission to develop PCB TMDLs for the tidal portion of the Delaware River, the implementation of which is essential for removing the fish consumption advisories in the Delaware Estuary.

As part of the TMDL investigation, the DRBC, EPA Regions 2 and 3 and the States estimated the PCB loads from contaminated sites under their respective jurisdictions. The EPA and States then developed ranking criteria to categorize a subset of sites likely to contribute a PCB load to the Delaware Estuary. Subsequently, they developed load estimates (using the Universal Soil Loss Equation) for that subset based on site PCB measurements. Only sites located between the tributary monitoring locations and mainstem Delaware were considered.

Implementation Advisory Committee

A staged approach to establishing the PCB TMDLs, first discussed in Spring 2002, is being used to meet legal and administrative requirements. The Stage I PCB TMDL was approved on December 15, 2003 by the EPA and the Stage II PCB TMDL work is currently scheduled for completion in December 2008. In October 2003, the Commission established an Implementation Advisory Committee (IAC) to assist in the development of early actions to reduce loadings of PCBs to the Estuary. IAC members include representation from the States of New Jersey, Delaware and Pennsylvania, the EPA, industry, municipal governments, wastewater and water treatment authorities, and environmental groups. The IAC has been working to determine the actions that can be taken immediately to begin mitigating sources of PCBs. A priority action plan for PCB sites has been drafted in coordination with the DelTRiP, indicating 13 steps to implementation which are similar to the DelTRiP implementation steps.

Pollutant Minimization Plan

Since the Stage I PCB TMDL approval, the Commission, working with the IAC, has taken the lead to further refine the PCB loadings toward the development of the Stage II PCB TMDL and to seek early reduction in PCB loadings to the Delaware River. One of these efforts includes the development of an administrative rule and guidance to require PCB pollutant minimization plans from various NPDES dischargers to the Estuary. On May 18, 2005, the Delaware River Basin Commission approved Resolution No. 2005-9 which amended the *Water Quality Regulations* and *Water Code* by adding Section 4.30.9, which establishes pollutant minimization plan (PMP) requirements for point and non-point discharges following the issuance of a TMDL or assimilative capacity determination. The PMP rule specifically requires designated dischargers, with confirmed PCB congeners present in their discharges in Zones 2-5 of the Delaware River, to develop and implement PCB reduction programs in accordance with Section 4.30.9 of the Commission's *Water Quality Regulations*. The PMP approach can also be used for contaminated sites. Current drafts of the IAC Priority Action Plan provide the potential to use the PMP approach at contaminated sites where the DRBC determines that it would be appropriate.

The IAC is currently in the final stages of preparing "A Report and Recommendations of the Delaware River Basin Commission's Total Maximum Daily Load Implementation Advisory Committee." The report includes a Priority Action Plan to identify, prioritize, remediate and track progress in cleaning up contaminated sites through the Delaware Toxics Reduction Program. Upon completion by the IAC, the Priority Action Plan will be incorporated into this report.

In addition to establishing the PMP requirements, the Commission also announced its cumulative goal of reducing PCBs discharged to the Estuary by 50% from all sources within the next 5 years. The 50% goal is not a requirement for individual discharger plans, but is viewed by the Commission as a target that will emphasize the need to make substantial reductions in the PCB sources to the Estuary. Resolution 2005-9 also directs the Executive Director to establish, in consultation with the IAC, a peer review advisory committee to evaluate PMPs submitted in accordance with the Regulations. PMP

progress reports will be reviewed by the Commission, the States, and the peer review advisory committee on an annual basis to evaluate the progress of each discharger toward achieving the maximum practicable reduction.

The PMP regulation provides the discharger with the flexibility to custom design an approach that best meets their specific conditions. PMPs will be required by the Commission until the States incorporate similar requirements into each State-issued NPDES permit at the time of its renewal. This approach sets up the regulatory framework for the performance of the PMP, while providing the site specific flexibility to those with local knowledge of the systems. Using the monitoring data and the application of the best available science and track down and reduction techniques, dischargers will then determine the source of the PCBs and the individualized actions to reduce their introduction to the estuary. Annual reports are required to be filed with the States and the Commission on their track down and reduction progress.

The Commission will annually evaluate the general program progress toward achieving its goal of 50% overall reduction of PCBs to the Estuary, which includes the PMPs and other actions taken for measurable reductions from sites.

CONTACTS

Questions regarding the information in this report or the DelTRiP can be addressed to Alysa Suero at (609) 883-9500 extension 264 or by email at alysa.suero@drbc.state.nj.us or to any of the lead agencies identified below:

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NJDEP	Dr. Andrew Marinucci	Andrew.Marinucci@dep.state.nj.us
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Figure 1. A total of two hundred sixty-three sites in the Delaware River Basin were identified as having the presence of PCBs.

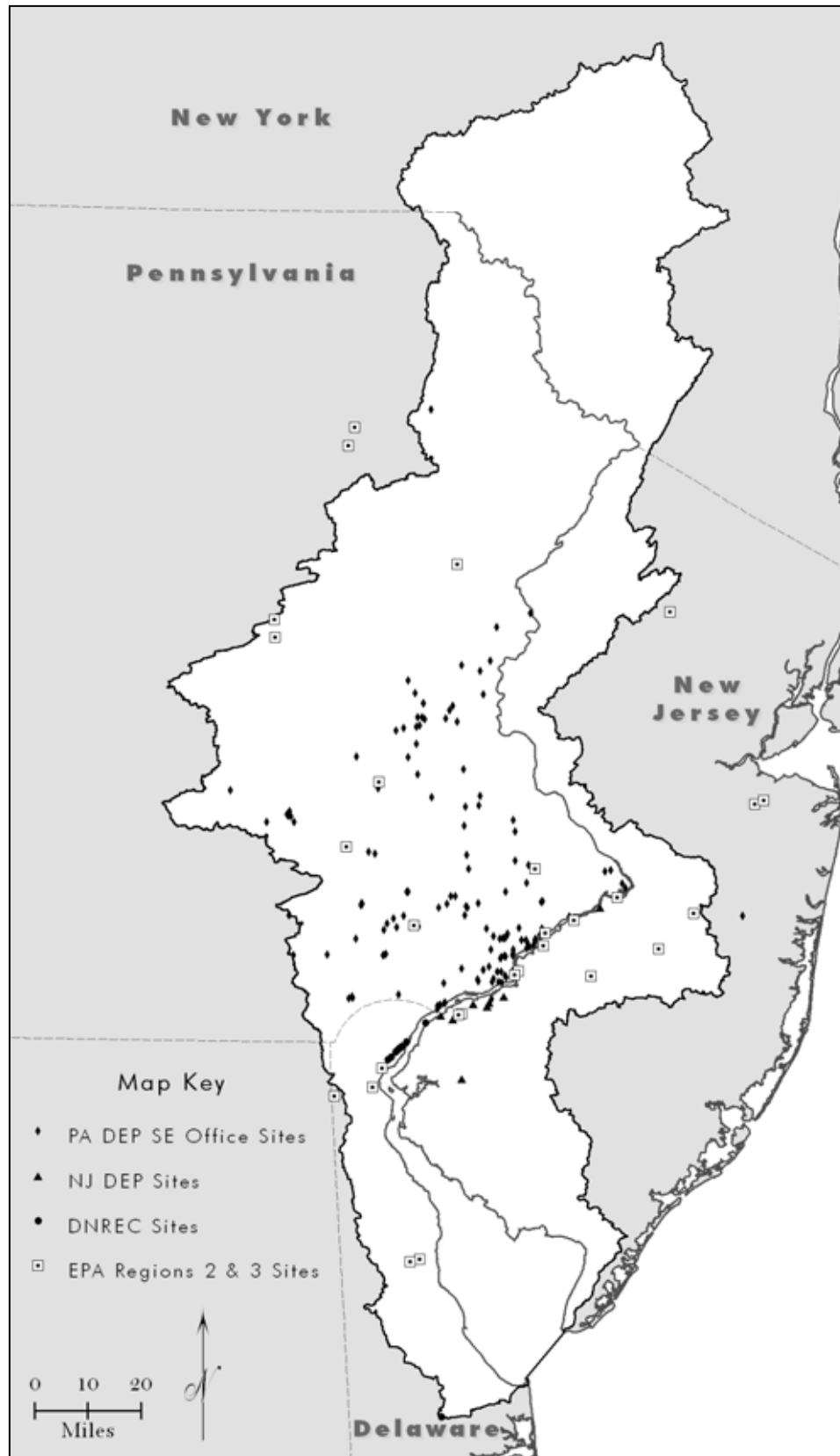


Figure 2. A total of eight sites in Delaware were identified as having the presence of PCBs by the DNREC.



Figure 3. A total of two hundred seventeen sites in the Delaware River Basin were identified as having the presence of PCBs by the PADEP.

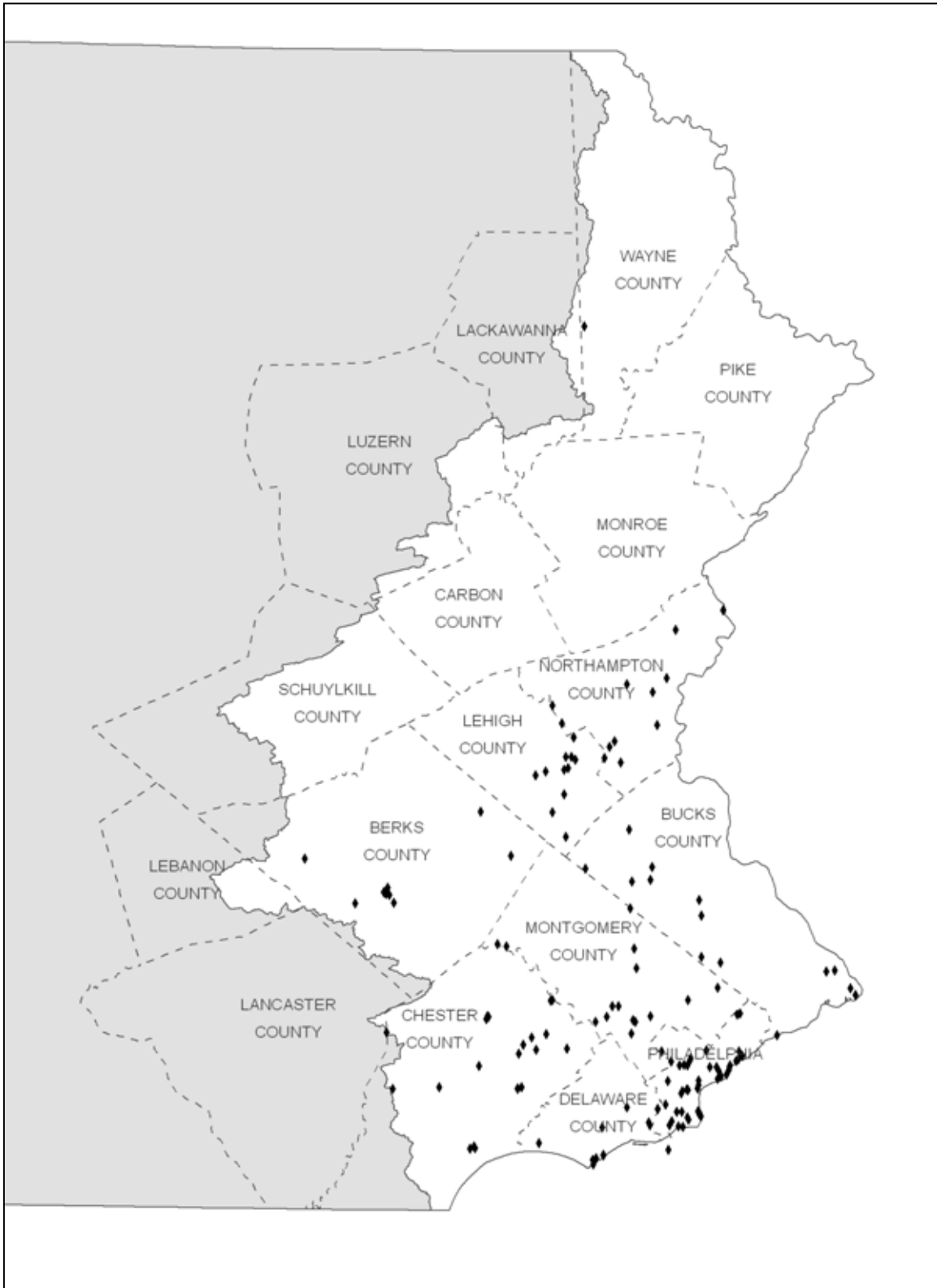


Figure 4. A total of ten sites in the Delaware River Basin were identified as having the presence of PCBs by the NJDEP.



Figure 5. A total of twenty-eight sites in the Delaware River Basin were identified as having the presence of PCBs by the EPA.

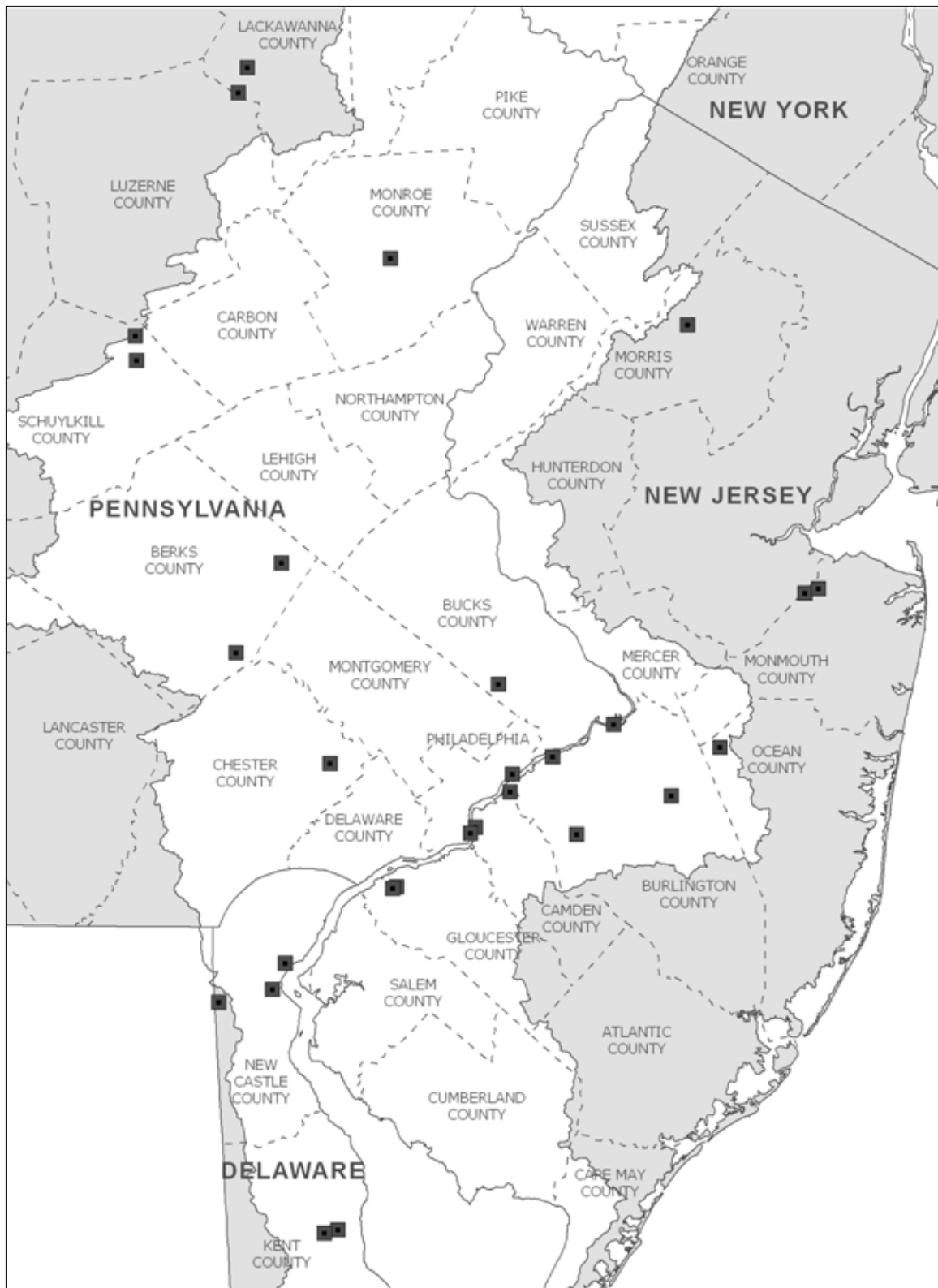


Table 1. A total of two hundred sixty-four sites in the Delaware River Basin were identified as having the presence of PCBs.

Site Name	Site Type	State	Lead Agency
CitiSteel Area A	Industrial Facility	Delaware	DNREC
Diamond State Foundry	Miscellaneous	Delaware	DNREC
Diamond State Salvage	Salvage Yard	Delaware	DNREC
Estate of Lester Nolan	Industrial Facility	Delaware	DNREC
Former Georgetown Substation	Industrial Facility	Delaware	DNREC
Governor Bacon Health Center	Defense Site	Delaware	DNREC
Penn Del	Salvage Yard	Delaware	DNREC
Purina Tower (B)	Industrial Facility	Delaware	DNREC
Former Lail Property (Exxon/Mobil)	Not Indicated	New Jersey	NJDEP
Former Manchester Machines Site	Not Indicated	New Jersey	NJDEP
General Engines Company, Inc.	Not Indicated	New Jersey	NJDEP
Hercules Burlington	Not Indicated	New Jersey	NJDEP
Hercules Gibbstown	Not Indicated	New Jersey	NJDEP
Martin Aarons Incorporated	Facility	New Jersey	NJDEP
Matteo Iron & Metal	Not Indicated	New Jersey	NJDEP
Safety Kleen Bridgeport	Not Indicated	New Jersey	NJDEP
Solutia Incorporated	Not Indicated	New Jersey	NJDEP
Woodstown Pilesgrove Sanitary Landfill	Landfill	New Jersey	NJDEP
18Th & Callowhill St Site	Not Indicated	Pennsylvania	PADEP
3200 E Tioga St Prop	Not Indicated	Pennsylvania	PADEP
3742 Main St Site	Not Indicated	Pennsylvania	PADEP
7401 State Rd Site	Not Indicated	Pennsylvania	PADEP
Abandoned Fac	Not Indicated	Pennsylvania	PADEP
Abrams Metals	Not Indicated	Pennsylvania	PADEP
Action Mfg	Not Indicated	Pennsylvania	PADEP
Alfa Laval	Not Indicated	Pennsylvania	PADEP
Allentown Tower Prop	Not Indicated	Pennsylvania	PADEP
Alto Sign	Not Indicated	Pennsylvania	PADEP
Andela Site	Not Indicated	Pennsylvania	PADEP
Arkema Chem Research & Dev Lab Mag	Not Indicated	Pennsylvania	PADEP
Autocar Trucks Div Nfrap Site	Not Indicated	Pennsylvania	PADEP
Bensalem Redev	Not Indicated	Pennsylvania	PADEP
Blue Ridge Winkler Site	Not Indicated	Pennsylvania	PADEP
Buttonwood Gateway Complex	Not Indicated	Pennsylvania	PADEP
Caloric	Not Indicated	Pennsylvania	PADEP
Cedar Hollow Quarry	Not Indicated	Pennsylvania	PADEP
Chelsea Historic Prop	Not Indicated	Pennsylvania	PADEP
Chemclene	Not Indicated	Pennsylvania	PADEP
Chemrex Banner Inds Div	Not Indicated	Pennsylvania	PADEP
Chester Waterfront Redev Proj Site	Not Indicated	Pennsylvania	PADEP
Cira Ctl Site	Not Indicated	Pennsylvania	PADEP
City Of Phila Water Dept	Not Indicated	Pennsylvania	PADEP
Columbia Gas Eagle Compressor Sta	Not Indicated	Pennsylvania	PADEP

Site Name	Site Type	State	Lead Agency
Columbia Gas Oxford Opr Ctr	Not Indicated	Pennsylvania	PADEP
Columbia Gas Trans Dowingtown Cs	Not Indicated	Pennsylvania	PADEP
Conocophillips Trainer Ref	Not Indicated	Pennsylvania	PADEP
Conrail Morrisville Train Maint Yard	Not Indicated	Pennsylvania	PADEP
Csx Intermodal Snyder Ave Yard Fac	Not Indicated	Pennsylvania	PADEP
Dana Truck & Car Frame Mfg Plt Reading	Not Indicated	Pennsylvania	PADEP
Darby Creek Jt Auth Stp	Not Indicated	Pennsylvania	PADEP
Defense Personnel Supp Ctr Public Admin	Not Indicated	Pennsylvania	PADEP
Defense Supply Ctr Phila	Not Indicated	Pennsylvania	PADEP
Dick Bros	Not Indicated	Pennsylvania	PADEP
Dodge Steel Castings	Not Indicated	Pennsylvania	PADEP
Drug Emporium Plz	Not Indicated	Pennsylvania	PADEP
E Orthodox St	Not Indicated	Pennsylvania	PADEP
Eastern Elec Apparatus Rep	Not Indicated	Pennsylvania	PADEP
Eastern Elec Prop	Not Indicated	Pennsylvania	PADEP
Eastern Rotorcraft	Not Indicated	Pennsylvania	PADEP
Five Tower Bridge	Not Indicated	Pennsylvania	PADEP
Former Mrs Pauls Kitchen Fac	Not Indicated	Pennsylvania	PADEP
Former Schmidts Brewery	Not Indicated	Pennsylvania	PADEP
Fp Woll & Fac	Not Indicated	Pennsylvania	PADEP
Frankford Arsenal	Not Indicated	Pennsylvania	PADEP
Freehand Hj Subdiv	Not Indicated	Pennsylvania	PADEP
Ge Breaker Plt	Not Indicated	Pennsylvania	PADEP
Glasgow Prop	Not Indicated	Pennsylvania	PADEP
Houston Auto Parts Hsca	Not Indicated	Pennsylvania	PADEP
Hull	Not Indicated	Pennsylvania	PADEP
Ind Park Dev	Not Indicated	Pennsylvania	PADEP
Kaiser Refractories	Not Indicated	Pennsylvania	PADEP
Kennett Sq Junkyard	Not Indicated	Pennsylvania	PADEP
Kennett Sq Junkyard	Not Indicated	Pennsylvania	PADEP
Kvaerner Phila Shipyard	Not Indicated	Pennsylvania	PADEP
Laurel Ctr Ii	Not Indicated	Pennsylvania	PADEP
Lehigh Landing Proj	Not Indicated	Pennsylvania	PADEP
Lenape Mfg	Not Indicated	Pennsylvania	PADEP
Little Rio Grande Creek	Not Indicated	Pennsylvania	PADEP
Merit Metal Prod	Not Indicated	Pennsylvania	PADEP
Metal Bank State Rd	Not Indicated	Pennsylvania	PADEP
Metro Container	Not Indicated	Pennsylvania	PADEP
Milito Prop	Not Indicated	Pennsylvania	PADEP
Morris Pappas & Morris	Not Indicated	Pennsylvania	PADEP
Mulberry St Site	Not Indicated	Pennsylvania	PADEP
Natl Vulcanized Fiber	Not Indicated	Pennsylvania	PADEP
Nazareth Quarry	Not Indicated	Pennsylvania	PADEP
Nj Transit Morrisville Railyard	Not Indicated	Pennsylvania	PADEP
One & Olney Sq Shopping Ctr	Not Indicated	Pennsylvania	PADEP
One Montgomery Plaza	Not Indicated	Pennsylvania	PADEP

Site Name	Site Type	State	Lead Agency
Oregon Maint Shop	Not Indicated	Pennsylvania	PADEP
Pa Dot I-95 Aramingo	Not Indicated	Pennsylvania	PADEP
Pa Dot Paper Prod Site	Not Indicated	Pennsylvania	PADEP
Palmer Town Ctr	Not Indicated	Pennsylvania	PADEP
Park West Town Ctr	Not Indicated	Pennsylvania	PADEP
Peco Energy West Chester Svc Bldg Old	Not Indicated	Pennsylvania	PADEP
Peco Hanover Substa	Not Indicated	Pennsylvania	PADEP
Peco West Chester Svc Fac	Not Indicated	Pennsylvania	PADEP
Pemberton Site	Not Indicated	Pennsylvania	PADEP
Penn Beer Dist Site	Not Indicated	Pennsylvania	PADEP
Pennsburg Ses	Not Indicated	Pennsylvania	PADEP
Pep Boys Paoli	Not Indicated	Pennsylvania	PADEP
Phila Eagles Stadium & Prking Areas	Not Indicated	Pennsylvania	PADEP
Phila Elec Southwark Svc Bldg Util	Not Indicated	Pennsylvania	PADEP
Phila Phillies Ball Prk & Prking Areas	Not Indicated	Pennsylvania	PADEP
Phoenix Pipe & Tube Lp	Not Indicated	Pennsylvania	PADEP
Phoenix Steel	Not Indicated	Pennsylvania	PADEP
Ppl	Not Indicated	Pennsylvania	PADEP
Ppl	Not Indicated	Pennsylvania	PADEP
Ppl	Not Indicated	Pennsylvania	PADEP
Ppl	Not Indicated	Pennsylvania	PADEP
Ppl	Not Indicated	Pennsylvania	PADEP
Ppl Canal Substa Decommissioned	Not Indicated	Pennsylvania	PADEP
Ppl Cetronia Substa	Not Indicated	Pennsylvania	PADEP
Ppl Didier Decommissioned Substa	Not Indicated	Pennsylvania	PADEP
Ppl Electric Utilities	Not Indicated	Pennsylvania	PADEP
Ppl Greenleaf Substa	Not Indicated	Pennsylvania	PADEP
Ppl Jasper Substa	Not Indicated	Pennsylvania	PADEP
Ppl Madison Ave Substa	Not Indicated	Pennsylvania	PADEP
Ppl Meadow Substa	Not Indicated	Pennsylvania	PADEP
Ppl Nazareth Switching Yard	Not Indicated	Pennsylvania	PADEP
Ppl Pembroke Substa Decommissioned	Not Indicated	Pennsylvania	PADEP
Septa Roberts Ave Railyard Nfrap Site	Not Indicated	Pennsylvania	PADEP
Septa Wayne Junction	Not Indicated	Pennsylvania	PADEP
Serena	Not Indicated	Pennsylvania	PADEP
Shez Ray	Not Indicated	Pennsylvania	PADEP
Slatebelt Ind Ctr	Not Indicated	Pennsylvania	PADEP
Sovereign Oil Site	Not Indicated	Pennsylvania	PADEP
Sparango Const	Not Indicated	Pennsylvania	PADEP
Spring Mill Dev	Not Indicated	Pennsylvania	PADEP
Springfield Auto Outlet	Not Indicated	Pennsylvania	PADEP
Sunoco Girard Point Ref	Not Indicated	Pennsylvania	PADEP
Sunoco Partners Mkt & Term Lp Darby Creek Tank Farm	Not Indicated	Pennsylvania	PADEP
Tacony Whse Fac	Not Indicated	Pennsylvania	PADEP
Texas Eastern Pipeline Bechtelsville Sta	Not Indicated	Pennsylvania	PADEP

Site Name	Site Type	State	Lead Agency
Texas Eastern Pipeline Bernville Sta	Not Indicated	Pennsylvania	PADEP
Texas Eastern Trans Eagle Comp Sta	Not Indicated	Pennsylvania	PADEP
Thelma H Mcgrail Trust	Not Indicated	Pennsylvania	PADEP
Thyssen Krupp Budd Co Die Storage Yard Site	Not Indicated	Pennsylvania	PADEP
Thyssenkrupp Budd	Not Indicated	Pennsylvania	PADEP
Tinicum Ind Prk	Not Indicated	Pennsylvania	PADEP
Tower Bridge N 6	Not Indicated	Pennsylvania	PADEP
Trans Buck	Not Indicated	Pennsylvania	PADEP
Transcontinental Gas Pipeline Comp Sta 200	Not Indicated	Pennsylvania	PADEP
Union Hill Rd Ste	Not Indicated	Pennsylvania	PADEP
Us Naval Base Public Admin	Not Indicated	Pennsylvania	PADEP
Us Plywood Fac	Not Indicated	Pennsylvania	PADEP
Us Steel Fairless Works/Old Ctrl Maintenance Shop Parcel	Not Indicated	Pennsylvania	PADEP
Usx Fairless Hills Fac	Not Indicated	Pennsylvania	PADEP
Valhal	Not Indicated	Pennsylvania	PADEP
West Chester Ofc Plz	Not Indicated	Pennsylvania	PADEP
Westtown Sch Kenneth Square Prop	Not Indicated	Pennsylvania	PADEP
Wharf At Rivertown	Not Indicated	Pennsylvania	PADEP
White Pines Partners Gc	Not Indicated	Pennsylvania	PADEP
William H Cooper & Sons	Not Indicated	Pennsylvania	PADEP
Witco Chem	Not Indicated	Pennsylvania	PADEP
Wood Lane Parcel	Not Indicated	Pennsylvania	PADEP
PPL QUARRY SUBSTA	Not Indicated	Pennsylvania	PADEP
PPL S 1ST ST SUBSTA	Not Indicated	Pennsylvania	PADEP
PPL S 4TH ST SUBSTA	Not Indicated	Pennsylvania	PADEP
PPL S 6TH ST SUBSTA	Not Indicated	Pennsylvania	PADEP
PPL SHAWNEE DECOMMISSIONED SUBSTA	Not Indicated	Pennsylvania	PADEP
PPL SIEGFRIED SUBSTA	Not Indicated	Pennsylvania	PADEP
PPL SOUTH CATASAUQUA SUBSTA	Not Indicated	Pennsylvania	PADEP
PPL SPRING SUBSTA	Not Indicated	Pennsylvania	PADEP
PPL WESCOVILLE ACTIVE SUBSTA	Not Indicated	Pennsylvania	PADEP
PROGRESS LIGHTING	Not Indicated	Pennsylvania	PADEP
PWD SW WATER POLLUTION CONTROL PLT	Not Indicated	Pennsylvania	PADEP
READING IRON MET ED PARCEL former	Not Indicated	Pennsylvania	PADEP
READING IRON OLEY ST STOREYARD formerly	Not Indicated	Pennsylvania	PADEP
READING IRON PA LINES LLC RAILSPUR formerly	Not Indicated	Pennsylvania	PADEP
RECYCLE METALS	Not Indicated	Pennsylvania	PADEP
RESERVES GWYNEDD	Not Indicated	Pennsylvania	PADEP
RICHMOND WATERFRONT IND PRK LLC ROHM & HAAS	Not Indicated	Pennsylvania	PADEP
RIVERBEND SITE	Not Indicated	Pennsylvania	PADEP

Site Name	Site Type	State	Lead Agency
ROHM & HAAS PHILA PLT	Not Indicated	Pennsylvania	PADEP
ROSENBERGERS DAIRIES	Not Indicated	Pennsylvania	PADEP
SACKVILLE MILLS PROP	Not Indicated	Pennsylvania	PADEP
SAFETY KLEEN	Not Indicated	Pennsylvania	PADEP
SELAS OF AMER	Not Indicated	Pennsylvania	PADEP
SELLERSVILLE LDFL	Not Indicated	Pennsylvania	PADEP
SEPT PAOLI CAR SHOP	Not Indicated	Pennsylvania	PADEP
Allentown Tower Prop	Not Indicated	Pennsylvania	PADEP
Bottle House Site	Not Indicated	Pennsylvania	PADEP
Crown Industries	Not Indicated	Pennsylvania	PADEP
Dorney Road	Not Indicated	Pennsylvania	PADEP
Jacob Kline Cooperage	Not Indicated	Pennsylvania	PADEP
Lehigh Elec & Eng	Not Indicated	Pennsylvania	PADEP
Ppl Avoca Substa	Not Indicated	Pennsylvania	PADEP
Ppl Beekman Substa	Not Indicated	Pennsylvania	PADEP
Ppl Brockton Substa	Not Indicated	Pennsylvania	PADEP
Ppl Buttonwood Substa	Not Indicated	Pennsylvania	PADEP
Ppl Cetronia Substa	Not Indicated	Pennsylvania	PADEP
Ppl Clarks Summit Substa	Not Indicated	Pennsylvania	PADEP
Ppl Ctl City Substa	Not Indicated	Pennsylvania	PADEP
Ppl Didier Decommissioned Substa	Not Indicated	Pennsylvania	PADEP
Ppl Former Oneida Substa	Not Indicated	Pennsylvania	PADEP
Ppl Former Stanton Steam Elec Sta	Not Indicated	Pennsylvania	PADEP
Ppl Gilbert Sub Sta	Not Indicated	Pennsylvania	PADEP
Ppl Greenleaf Substa	Not Indicated	Pennsylvania	PADEP
Ppl Harwood 69 Kv Substation Pcb Remediation	Not Indicated	Pennsylvania	PADEP
Ppl Harwood Steam Elec Sta	Not Indicated	Pennsylvania	PADEP
Ppl Hauto	Not Indicated	Pennsylvania	PADEP
Ppl Honesdale Gas Plt	Not Indicated	Pennsylvania	PADEP
Ppl Horton Substa	Not Indicated	Pennsylvania	PADEP
Ppl Jasper Substa	Not Indicated	Pennsylvania	PADEP
Ppl Jenkins Substa	Not Indicated	Pennsylvania	PADEP
Ppl Jermyn Substa	Not Indicated	Pennsylvania	PADEP
Ppl Madison Ave Substa	Not Indicated	Pennsylvania	PADEP
Ppl Meadow Substa	Not Indicated	Pennsylvania	PADEP
Ppl N Stroudsburg Substa	Not Indicated	Pennsylvania	PADEP
Ppl Nazareth Switching Yard	Not Indicated	Pennsylvania	PADEP
Ppl Northern Div Svc Ctr	Not Indicated	Pennsylvania	PADEP
Ppl Old Forge Substa	Not Indicated	Pennsylvania	PADEP
Ppl Palmerton Substa	Not Indicated	Pennsylvania	PADEP
Ppl Peckville Active Substa	Not Indicated	Pennsylvania	PADEP
Ppl Pembroke Substa Decommissioned	Not Indicated	Pennsylvania	PADEP
Ppl Pittston Substa Decommissioned	Not Indicated	Pennsylvania	PADEP
Ppl Providence Active Substa	Not Indicated	Pennsylvania	PADEP
Ppl Quarry Substation	Not Indicated	Pennsylvania	PADEP

Site Name	Site Type	State	Lead Agency
Ppl S 1St St Substa	Not Indicated	Pennsylvania	PADEP
Ppl S 4Th St Substa	Not Indicated	Pennsylvania	PADEP
Ppl S 6Th St Substa	Not Indicated	Pennsylvania	PADEP
Ppl Shawnee Decommissioned Substa	Not Indicated	Pennsylvania	PADEP
Ppl Siegfried Substa	Not Indicated	Pennsylvania	PADEP
Ppl South Catasauqua Substa	Not Indicated	Pennsylvania	PADEP
Ppl South Side Substa	Not Indicated	Pennsylvania	PADEP
Ppl Stanton Substa	Not Indicated	Pennsylvania	PADEP
Ppl Sullivan Trail Substa	Not Indicated	Pennsylvania	PADEP
Ppl Tamaqua Decommissioned Gas Plt	Not Indicated	Pennsylvania	PADEP
Ppl Tatamy Substa	Not Indicated	Pennsylvania	PADEP
Ppl W Pittston Decommissioned Substa	Not Indicated	Pennsylvania	PADEP
Ppl Weissport Substa	Not Indicated	Pennsylvania	PADEP
Ppl Wescoville Active Substa	Not Indicated	Pennsylvania	PADEP
Santey Junkyard	Not Indicated	Pennsylvania	PADEP
Slish Road	Not Indicated	Pennsylvania	PADEP
Butz Landfill	Municipal/Industrial Landfill	Pennsylvania	EPA Region 3
Crossley Farm	Disposal Area	Pennsylvania	EPA Region 3
Delaware Sand & Gravel Landfill	Inactive Industrial Waste Landfill	Delaware	EPA Region 3
Doublaville Disposal	Waste Oil Recycling Facility	Pennsylvania	EPA Region 3
Dover Air Force Base	Air Force Base	Delaware	EPA Region 3
Eastern Diversified Metals	Wire Recycling Facility	Pennsylvania	EPA Region 3
Harvey & Knott Drum, Inc.	Open Dump and Burn Area	Delaware	EPA Region 3
Lehigh Electric & Engineering Co.	Electrical Equipment Repair and Storage	Pennsylvania	EPA Region 3
McAdoo Associates	Electrical Equipment Repair and Storage	Pennsylvania	EPA Region 3
Metal Bank	Transformer Recycling Area	Pennsylvania	EPA Region 3
Naval Air Development Center	Electrical Equipment Repair and Storage	Pennsylvania	EPA Region 3
Paoli Rail Yard	Rail Yard	Pennsylvania	EPA Region 3
Publicker Industries, Inc.	Chemical Manufacturer/Petroleum Storage Area	Pennsylvania	EPA Region 3
Standard Chlorine of Delaware, Inc.	Chemical Manufacturer	Delaware	EPA Region 3
Taylor Borough Dump	Inactive Landfill/Former Mine	Pennsylvania	EPA Region 3
Wildcat Landfill	Municipal/Industrial Landfill	Delaware	EPA Region 3
Bridgeport Rental & Oil Services	Not Indicated	New Jersey	EPA Region 2
Burnt Fly Bog	Not Indicated	New Jersey	EPA Region 2
Chemical Leaman Tank Lines, Inc.	Not Indicated	New Jersey	EPA Region 2
Cosden Chemical Coatings Corp.	Not Indicated	New Jersey	EPA Region 2
Dayco Corp./L.E. Carpenter Co.	Not Indicated	New Jersey	EPA Region 2
Ellis Property	Not Indicated	New Jersey	EPA Region 2
Fort Dix Landfill Site	Landfill	New Jersey	EPA Region 2
Imperial Oil Co., Inc./Champion Chemicals	Not Indicated	New Jersey	EPA Region 2
Pijak Farm	Not Indicated	New Jersey	EPA Region 2
Roebling Steel Co.	Not Indicated	New Jersey	EPA Region 2
Swope Oil & Chemical Co.	Not Indicated	New Jersey	EPA Region 2
Welsbach & General Gas Mantle - Camden Radiation	Not Indicated	New Jersey	EPA Region 2